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Engineering Evaluation Report

Report No.: 512545A

Manufacturer: Bildau & Bussmann GmbH
Gerichtstrasse 23
13347 Berlin, Germany

Product Line: Double Timber Horizontal Mullion – Impact - 120" Span

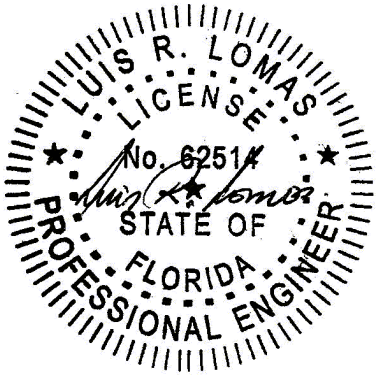
Compliance:
The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:
1. Approval document: drawing number 08-01857 revision A, titled Double Timber Horizontal Mullion – Impact - 120" Span, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-3800-1 signed and sealed by Gerard J. Ferrara P.E.
   National Certified Testing Laboratories, Orlando, FL.
   TAS 201 / TAS 203
   Large Missile Impact Test, Level D, Wind Zone 4 mullion impacted with #2 SYP 2x4, 102" long, 9lbs at 50 ft./sec.
   Cyclic Pressure loading ±70.0psf design pressure
   TAS 202
   Uniform Static Air Pressure, ±70.0psf design pressure, 10.5psf water penetration.
3. Anchor calculations, report number 512545-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Maximum design pressure: ±70.0psf
- Maximum mullion span: 120"
- Units attached to mullion must have their own separate approval.
- Units may be mulled indefinitely as long as maximum unit size is not exceeded.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Jamb extension material specific gravity G 0.59 (Includes but is not limited to: Larch, Sipo, Meranti, Mahogany, White Oak, Walnut)
- Design pressure of mulled units shall be controlled by the lesser design pressure of the assembly components, mullion or individual units.

Installation:
Units must be installed in accordance with approval document, 08-01857 revision A.

Certification of Independence:
Please note that I do not have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I do not have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).



Luis R. Lomas, P.E.
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